

QY 1095 AACTACCGTGGATGCGCTGGAGCTGGAAGTTAGATGAGACAGAAATGAGGAGACACACC 1154
DB 1036 AACTACCGTGGATGCGCTGGAGCTGGAAGTTAGATGAGACAGAAATGAGGAGACACACC 1085
QY 1155 TGAGGCTGGTTCTTTTCTGCTGCTTACCTGCGCCCGCTGGGAAATCAAAAGGGCCAA 1214
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DB 1386 TGGTAAAGAGGCTCCTGCTGCTGAGGCTAGGTTGAGTTCGAAAGCCAGGAGTCACTGA 1445
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DB 1446 GACCAAGGCTTTCTACTGATTCGCGAGCTCAGACCCCTTTCTCAGCTCGAAAGAGAA 1505
QY 1575 ACACGTATCCCACTGACATGCTCTTCTGAGCCGCTGAAGAGCAAGAAATGCGAGAA 1634
DB 1506 ACACGTATCCCACTGACATGCTCTTCTGAGCCGCTGAAGAGCAAGAAATGCGAGAA 1565
QY 1635 GTTTAGCCCTGAAAGCCATGAGATTTCTATACTTGAAGCTTAATCTCTGTAAGCTA 1694
DB 1566 GTTTAGCCCTGAAAGCCATGAGATTTCTATACTTGAAGCTTAATCTCTGTAAGCTA 1625
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DB 1626 AAATAAGAAATAGAACAGCTGAGATGAGACAGTACATGTCAGCGAGCTGTGAAA 1685
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DB 1686 CACAGACAGGCTCAAAGTGTCTTCTGAAACACATGAGTGGAAATCACTCTTTAGAAC 1745
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QY 1935 ATTAAGGAGATTAATCTAGTAATTTGTTTAAAGATAAATAAATCAACAAATTT 1994
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QY 2055 ATTCCTCAAAAATGSCATAGTAGAAGCTATCTGGGAAAGCTATTTTTTTCAGTTTTG 2114
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QY 2235 CATTTGTTACTCTTATATACCAAGACATTTTAAAGTGGCCATTAAACAATGTATCACTA 2294
DB 2166 CATTTGTTACTCTTATATACCAAGACATTTTAAAGTGGCCATTAAACAATGTATCACTA 2225
QY 2295 GGCCTCTTTTCCAAACAAGAGGACTGAGAGATGCGAGAAATATTTGTGACAAAAAATT 2354
DB 2226 GGCCTCTTTTCCAAACAAGAGGACTGAGAGATGCGAGAAATATTTGTGACAAAAAATT 2285
QY 2355 AAAGCATTTAGAAA 2369
DB 2286 AAAGCATTTAGAAA 2300

RESULT 7

US-09-232-160-13
; Sequence 13, Application US/09232160
; Patent No. 6388794
; GENERAL INFORMATION:
; APPLICANT: Steve Daniel
; APPLICANT: James Gilmore
; APPLICANT: Susan G. Stuart
; APPLICANT: Laura Stuve
; TITLE OF INVENTION: DETECTION OF ALTERED EXPRESSION OF GENES REGULATING CELL
; TITLE OF INVENTION: PROLIFERATION
; FILE REFERENCE: PA-0003 US
; CURRENT APPLICATION NUMBER: US/09/232,160
; CURRENT FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PERL Program
; SEQ ID NO 13
; LENGTH: 2029
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: -
; OTHER INFORMATION: 3044710
US-09-232-160-13

Query Match 84.1%; Score 1994; DB 4; Length 2029;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1997; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 AGCAGGGAATCCGATGTCGCTTATGAAGTGGAGGAGTGTGAGCTGTGAGCTCAACATA 60
DB 24 AGCAGGGAATCCGATGTCGCTTATGAAGTGGAGGAGTGTGAGCTGTGAGCTCAACATA 83
QY 61 GTTCCAGAACTCTCCATCCGATCTAGTTATTGAGCATCTGCTCTCATATCACAGTGGC 120
DB 84 GTTCCAGAACTCTCCATCCGATCTAGTTATTGAGCATCTGCTCTCATATCACAGTGGC 143
QY 121 CATCTGAGTGTTCCTCCATCCGATCTAGTTATTGAGCATCTGCTCTCATATCACAGTGGC 180
DB 144 CATCTGAGTGTTCCTCCATCCGATCTAGTTATTGAGCATCTGCTCTCATATCACAGTGGC 203
QY 181 GTTGTCTCTCTCATCTTCCATCTGAGCCAGAGCTCTGCTTCAAGGCTCTTTTGGTGTGA 240
DB 204 GTTGTCTCTCTCATCTTCCATCTGAGCCAGAGCTCTGCTTCAAGGCTCTTTTGGTGTGA 263
QY 241 GAAGAGCTTTTCCATCCAGTGTCTAGCAAGATTATGGGATCACCTTGTGAGCAAAAAG 300
DB 264 GAAGAGCTTTTCCATCCAGTGTCTAGCAAGATTATGGGATCACCTTGTGAGCAAAAAG 323
QY 301 GCGAACCCAGCTGAAATTTCAAGAGCTTAAGAGGCTGTAGGCTGTGGGACTAAGT 360
DB 324 GCGAACCCAGCTGAAATTTCAAGAGCTTAAGAGGCTGTAGGCTGTGGGACTAAGT 383
QY 361 TTGGCCGGCAAGCAAGCTTGAACAGCTTGAAGCTAGCTTTGAACTTGGAGCTAT 420
DB 384 TTGGCCGGCAAGCAAGCTTGAACAGCTTGAAGCTAGCTTTGAACTTGGAGCTAT 443